

Principal Laws of the Hydrochemical Formation
of Natural Reservoirs, by P. P. Voronkov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 3, 1959, pp 654-657.

AGI

Sci

Jun 61

154,662

An Upper Cambrian Archaeocyathid-Coral Coenose
in the Tanmi-Ola Range, Tuva, by A. G.
Vologdin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 3, 1959, pp 670-673.

AGI

Sci

Jun 61

154,698

Changes in the Plumage Coloration of the Offspring of
Hens Infused With Various Components of "Foreign" Blood,
by Kh. F. Kushner, E. V. Tolokonnikova, I. G. Moiseyeva,
4 pp.

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol CXXIX, No 3, 1959,
pp 674-.

Amer Inst of Biol Sci

Sci -
Jul 60

121,051

Physiological Variability of Fish Populations in
Relation to Temperature of Habitat, by G. L. Shkorbatov,
Z. T. Salo, 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 3, 1959,
pp 678-.

Amer Inst of Biol Sci

Sci
Jul 60

121,059

Some Data on Growth of Actinomyces Streptomycini on
Media With Dicarboxylic Acids, by T. B. Kazanskaya,
I. G. Poltava, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,
1959, pp 681-.

Amer Inst of Biol Sci

Sci -
Jul 60

121,056

Some Data on Folic Acid Metabolism in Plants, by N. A. Andreyeva, 3 pp.

RUSSIAN, part, Dok Ak Nauk SSSR, Vol CXXIX, No 3, 1959, pp 684-686.

Amer ^s Jt of Biol Sci

118,980

Sci

Jun 60

Cytochrome Oxidase and Succinic Dehydrogenase
Activities in the Colorado Beetle (*Leptinotarsa*
decemlineata Say.) in the Prediapausal Period and
After the Onset of Diapause, by R. S. Ushatinskaya,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIX, No 3, 1959,
pp 687-90

Amer Inst of Biol Sci

118,981

Sci

Jun 60

On the Hydrodynamic Characteristics of the Tail Fin in
the Atlantic Anarhichas (Anarhichadidae), by V. V.
Barsukov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 3, 1959,
pp 695-697.

Amer Inst of Biol Sci

Sci
Jul 60

121,036

Biological Features of the Summer and Winter
Forms of Perennial Rye and Prospects for Their
Use, by V. V. Skripchinskiy, 4 pp.

RUSSIAN, per, Dok Ak. Nauk. SSSR, Vol CXXIX, No 3,
1959, pp 691-.

Amer Inst of Biol Sci

Sci

Jul 60

120,731

The Structure of Spiracles in the Myriapod (Geophilus
Proximus G. L. Koch. (Chilopoda), by Z. S.
Kaufman, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 3,
1959, pp 698-.

Amer Inst of Biol Sci

Sci -
Jul 60

121,037

On the Development of the Thymus Gland During the
Embryonic Period in Man, by N. V. Popova-Lapkina,
4 pp

RUSSIAN per, Dok Ak Nauk SSSR, Vol XXIX, No 3, 1959,
pp 705-^C_A

Amer Inst of Biol Sci

Sci -
Jul 60

121,055

Regeneration of Homografted and Heterografted Limbs
in the Stick Insect (Phasmodea), by D. M. Steinberg,
3 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CXXIX, No 3, 1959,
pp 702-.

Amer Inst of Biol Sci

Sci -
Jul 60

121, 057

Composition of Alcohols Formed by Liquid
Phase Oxidation of n-Paraffinic Hydrocarbons,
BY A. N. Bashkirov, V. V. Kamzolkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX
No 4, 1958, pp 705-707.

ATS-74M4R

Sci
Vol IV, No 11
Jun 62

The Histological Changes in the Intestine of Ducks
as a Result of Invasion by the Acanthocephalan
Polymorphus Magnus Skryabin 1913, by E. D. Logachev,
B. R. Bruskin, 3 pp.

RUSSIAN, per, ~~Dok Ak Nauk SSSR~~, Vol CXXIX, No 3,
1959, pp 709-.

Amer Inst of Biol Sci

Sci -
Jul 60

121,046

The Appearance of Cannibalism Among Ticks of the
Species Argas Persicus (Oken) 1818, by R. E.
Nikitina, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CCXIX, No 3,
1959, pp 711-.

Amer Inst of Biol Sci

Sci

Jul 60

Influence of a Magnetic Field on Boundary Layer
Stability, by V. N. Arkhipov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 751-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,654

Some Relations Between the Solutions of Plane and
Axially Symmetric Problems in the Theory of Elasticity
and the Solution of Axially Symmetric Problems by
Means of Analytic Functions, by A. Ya. Aleksandrov,
5 pp.

RUSSIAN, per, Dokl. Ak. Nauk SSSR, Vol CXXIX, No 4,
1969, pp 754-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

120, 703

Sci
Jul 60

Asymptotic Behavior of Solutions in Heat Transfer,
by M. M. Nazarchuk, N. I. Pol'skiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 759-761.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,661

Stationary Rotation of Cosmic Gaseous Masses in
General Theory of Relativity, by Yu. P. Chernov,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 762-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci
Jul 60

120,662

Analysis of Distortions in the Field of a Flat
Piezoelectric Radiator, by I. N. Kanevskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 766-768.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,680

Spectral Properties of the Green's Function for a
Fixed Source Model of the Meson Field, by A. N.
Tavkhelidze, I. T. Todorov, N. A. Chernikov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 769-772.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

129, 611

The Photoelectret State and Phosphorescence of
ZnS, by V. M. Fridkin, 4 pp.

RUSSIAN, per, Dok. Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 773-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

120,683

Jul 60

The Location and Seasonal Change of the Frontal
Zones in the Antarctic, by Yu. A. Ivanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 4, 1959, pp 777-780.

AGI

Sci

154,684

Jun 61

The Three-Dimensional Problem of the Flow
Over a Barrier of an Air Current Unbounded
at the Top, by B. N. Trubnikov, 3 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXXIX,
No 4, 1959, pp 781-784.

AGI

Sci

154,685

Jan 61

On the Isostatic Depression of the Frigid's Coast
in Antarctica Under a Heavy Ice Load, by
S. A. Ushakov, G. Ye. Izraelov, 1959.

RUSSIAN, per, Vopr. Ak. Nauk SSSR, Vol. 24, No. 4, 1959, pp 785-788.

Sol

Jul 61

AGI
GPRC (1977)
154, 621

Certain Peculiarities of Photoeffect in Amorphous
Layers of Arsenic Triselenide, by B. T. Kolomieta,
V. M. Lyubin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 789-792.

Amur Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci.

Jul. 60

120, 692

**Pressure Variation in a Diffusion Chamber Due to
the Appearance of Tracks and the Possibilities
of Its Utilization, by A. P. Komar, M. V. Stabnikov,
2 pp.**

**RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 793--.**

**Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6**

Sci

Jul 60

Polymerization of 3-Methylbutene-1, by T. I.
Ivanova, B. A. Krentsel', N. A. Potkatilo, 211

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 799-801.

USASIA: SC-115/60

Sci-phys

Jul 60

120,799

Salts of Fluoroxymolybdic Acids, by N. S.
Nikolayev, A. A. Opalovskiy, 4 pp.

RUSSTAN, Ser. Dokl Akad Nauk SSSR, 1959, No 4, 1959, pp 801-804.

CB

Sci
Oct 60

129,961

Reaction of Triethylsilane With Secondary and
Tertiary Vinylethynylcarbinols in the Presence
of H_2PtCl_6 , by A. D. Petrov, I. M. Gverdtsiteli,
K. K. Gvishvili, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 805-808.

CB

Sci
Oct 60

129,963

Investigation of the Reaction of Lead Selenide
With Oxygen, by B. A. Popovkin, I. M. Kovba,
V. F. Zlomenov, A. V. Novoselova, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol. CXXIX, No 4,
1959, pp 809-812.

CB

Sci
Oct 60

129,962

The Effect of Pressure on the Specific Hydrogenating
Activity of Platinum on Alumina Gel, by D. V.
Sokol'skiy, E. I. Gil'debrand, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 813-815.

CB

Sci
Oct 60

129,964

Chemographic reduction of Derivatives of 2-Fluorobenzene
and 2-Nitrobenzofuran, by Ya. Stradin, S. Giller,
Ya. Tur'yev, 4 pp.

RUSSIAN, per, DOK AK HUK SSSR, VOL CXXXI, NO 1,
1959, pp 516-.

OR

Sci

Oct 50

127,720

The Mechanism of Hydrogen Peroxide Formation in
the Corrosion of Metals, by T. M. Abramova,
I. L. Gankina, A. S. Fomenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 3,
1959, pp 820-823.

CB

801

Oct 60

130,053

Transfer of Dispersed Particles by a Gas Flow During
the Combustion of Gunpowders, by N. N. Bakhman, *ff*
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 824-826.

ATIC MOL-707/1

Sci - Phys

Oct. 60

CI
SLA 41-62-23
128,478

Rectification at the Electrolyte-N-Type Semi-conductor Contact, by Yu. A. Vdovich, B. M. Grafov, V. A. Mysalin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4, 1959, pp 827-830.

CB

MDF 7-105

Sci

Oct 60

130,055

The Formation of Porous Structure in Silica Gel in
the Presence of Volatile Compounds, by Z. Z. Vyshc
skiy, M. V. Polyakov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, No 4,
1959, pp 831-834.

CB

Sci

Oct 60

130,056

A Kinetic, an Adsorption, and an X-Ray Crystallographic Study of the Decomposition of Magnesium Carbonate, by V. A. Gordeyeva, G. M. Zhabrova, M. Ya. Kuznetsov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4, 1959, PP 835-838.

CB

Sci

Oct 60

130,050

The Influence of Polarization on the Corrosion Cracking
of Metals, by V. V. Romanov 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXXIX, No 4, 1959
pp 837-.

CB

Sci

Oct 60

Solid Solutions in the AlSi-InSi System, by
N. A. Goryanova, B. V. Baranov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CHEM,
No 4, 1959, pp 832, 840.

CE

Sci
Oct 60

The Electroplating of Copper and Cadmium on
on Solid Electrodes Using High Current Densities
by G. S. Emel'yansko, E. Ya. Baibarova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 841-843.

CB

Sci

Oct 60

130,051

Transition Temperatures in Synthetic Polymers with
Rigid Chains, by P. V. Kozlov, A. Endrykhovakaya,
V. A. Kargin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 844-846.

CB

Sci

Oct 60

130,052

A Mechanism for the Reduced Hydration Rate of
Calcium Oxide Treated with Surface-Active
Plasticizers, by S. I. Kontorovich, E. E.
Segalova, P. A. Rebindar, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 647-650.

CB

Sci

Oct 60

130,046

Multiple Phase Inversion in Emulsions, by L. Ya.
Kremnev, L. A. Borodina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 851-853.

CB

Ref.

Oct 60

130,047

A Thermodynamic Study of the $\text{KBr-H}_2\text{O}$ System
at 25° , by L. L. Makarov, G. S. Popov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CHEM, No
1959, pp 854-857.

CB

Sci

Oct 60

130,048

A Comparative Study of Induced Conductivity of
Free Radicals in the Radiolysis of Solid Paraffin
by V. L. Tal'roze, E. L. Frankovich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No
1959, pp 858-861.

CE

Sci

Oct 60

130,049

The Isotherm for the Adsorption of the
Tetrabutylammonia Cation on Mercury, by A. N.
Franklin, B. B. Demaskin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIX, No 4,
1959, pp 862-865.

CB

Sci

Oct 60

130,044

e 1² - Rules for the Action of Radiation on
Anticore, by B. V. Grahler, 4 pp.

SSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
59, pp 366-.

CB

130,045

The Thermal Stability of Aluminum, Gallium and
Indium Antimonides Dissolved in Molten Germanium,
by V. M. Glazov, S. N. Chizhevskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, no 4,
1959, pp 869-872.

CB

Sci

Oct 60

130,663

The Influence of Polarization on the Corrosion Cracking
of Metals, by V. V. Romanov ⁴ pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4, 1959,
pp 873-.

CB

Sci

Oct 60

130,664

New Data on the Stratigraphy of the Permian
Deposits of Southwestern Dardaz, by N. G.
Vlasov, A. D. Miklukho-Maclay, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 4, 1959, pp 876-879.

AGI

Sci

Jun 61

154671

On the Triassic Deposits in the Pechora Basin,
by F. I. Yentsova, L. L. Khaytser, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 4, 1959, pp 880-883.

AGI

Sci

Jun 61

154,672

The Volcanic-Sedimentary Series of the
Central Aldan Mesozoic Magmatic Complex,
by E. M. Kravchenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII,
No 4, 1959, pp 884-887.

AGI

Sci

Jun 61

154,673

On the Characteristics of the Flora of the
Akchagyl Deposits of the Lower Kama and the
Kuibyshev-Saratovsk Trans-Volga Regions,
by T. A. Kuznetsova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 4, 1959, pp 888-891.

AGI

Sci.

154,674

Jun 61

On the Geology of the Old Gravels of Some
Regions of Southern China, by P. N.
Merzhanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII,
No 4, 1959, pp 892-895.

AGI

Sci

154, 675

Jun 61

The First Discovery of Leucosphenite in the
USSR, by A. F. Yefimov, Z. T. Katayeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 4, 1959, pp 896-899.

AGI

Sci

Jun 61

154,692

The Crystalline Structure of Epididymite
 $\text{NaBeSi}_3\text{O}_7(\text{OH})$. A New Type of Infinite
Silicon-Oxygen Chains (Bands), by Ye. A.
Pobedinskaya, N. V. Belov, 4 pp.

RUSSIAN, per Dok. Ak. Nauk SSSR, Vol CXXXIX,
No 4, 1959, pp 900-903.

AGI

Sci.

Jun 61

154,693

The Crystalline Rocks of the Azov Antecline,
by L. A. Vardanyants, A. Ya. Dubinsky, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 4, 1959, pp 904-907.

AGI

Sci

154,701

Jun 61

Removal of Microelements by the Principal
Rivers of the USSR, by G. S. Kononov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 4, 1959, pp 912-915.

AGI

Sci

Jun 61

154,663

On the Radioactive Nature of Orthites and
Their Ratio of Uranium, Thorium, and
Rare Earths, by D. A. Mineyev, N. I.
Stupnikova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 4, 1959, pp 916-918.

AGI

Sci

154,664

Jun 61

Concentration of Thorium Isotopes in the
Water of the Black Sea, by I. Ye. Starik,
K. F. Kazarev, D. S. Nikolayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 4, 1959, pp 919-921.

AGI

Sci

Jun 61

154,665

(25753).

Results of Seismo-Acoustic Studies of the Bottom
Structure of the Pacific Ocean Southeast From the
Island of Hokkaido, by G. B. Udintsev,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 4,
1959, pp 923-925.

*JPRS

Sci -

Geophysics
Oceanography

Feb 60

Reaction of the mammalian Cardiac Nervous System to
Damage by A. A. Kolosova. 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4, 1959,
pp 926-.

Amer Inst of Biol Sci

Sci -
Jul 60

121,053

Nitrogen-Fixing Bacteria in the Bottom Deposits of
the Limbic Regions of the Black Sea, by L. N.
Pshenichn, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 930-

Amer Inst of Biol Sci

Sci -
Jul 60

121,046

Study of Autolysis in Rat Liver in Experimentally
Induced Radiation Damage, by Yu. B. Kudryashov,
B. A. Lomsadze, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 934-936.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,708

Morphological Changes in the Nervous System of White
Rats Irradiated with Radioactive Phosphorus P32, by
A. A. Manina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 937-939.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

120,709

Sci
Jul 60

1
Action of X-Rays on the Development of the Allantois
of the Chick Embryo, by V. F. Puchkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 940-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120, 711

Anchikov, N. N.

THE EFFECT OF ROENTGEN RAYS ON THE
DEVELOPMENT OF THE ALLANTOIS OF THE
CHICKEN EMBRYO. [1963] 8p. (Eng. refs. omitted)
16 refs.

Order from OTS or SLA \$1.10

63-16461

Trans. of A[kademiya] N[auk] SSSR. D[oklady] 1959,
v. 129, no. 4, p. 940-943.

DESCRIPTORS: X-rays, *Radiation effects, *Fetal
membranes, *Embryos, Chickens, Anomalies.

(Biological Sciences--Radiobiology, TT, v. 10, no. 8)

63-16461

I. Anchikov, N. N.

Office of Technical Services

Nucleotide Composition of the Deoxyribonucleotides
of Higher Plants, by B. F. Vanyushin, A. N.
Belozerskiy, 3 pp.

RUSSIAN, Dok Ak Nauk SSSR, Vol CXXIX,
No 4, 1959, pp 944-946.

Amer Inst of Biol Sci

Sci

118, 982

Jun 60

The Combined Effect of Molybdenum, Manganese and
Cobalt on Photosynthesis, Leaf Nitrogen Content, and
Seed Fat Formation in Sunflower, by A. V. Soboleva,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 950-.

Amer Inst of Biol Sci

Sci

Jul 60

120,738

Structural Changes in the Aerial Vegetative
Organs of Zygophyllaceae Stimulated to Growth
by Parasites, by E. I. Slepian, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4,
1959, pp 953-

Amer Inst of Biol Sci

Sci

Jul 60

120,732

The Embryonic Changes in Muscles of the Hind Limb
as Related to its Segmental Innervation, by A. I.
Kononovskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIX, No. 4,
1959, pp 957-.

Amer Inst of Biol Sci

Sci
Jul. 60

121,078

Pressure Variation in a Diffusion Cell and the
the appearance of tracks and the formation
of the utilization, by A. P. Voinov, et al.,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 133, No. 6,
1959, pp. 123-4

Amer Inst of Phys
Sov Phys-Doklady
Vol IV No 6

Sol

Jul 60

Union of a Heat-Conducting Wall Behind a Moving
Compression Shock, by G. A. Tirskiy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5,
1959, pp 989-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

120, 653

Jul 60

Hydraulic and Kinematic Characteristics of the
Motion of Inhomogeneous Disperse Systems in Tubes,
by A. E. Smoldyrev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5,
1959, pp 993-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

120,658

Sci

Jul 60

Torsion of an Elastic Layer, by Ya. S. Uflyand, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 4,
1959, pp 998-.

7.
Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,702

The First Results Obtained from Photographs of
the Invisible Side of the Moon, by N. P. Barabashov,
Yu. N. Lipskiy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5,
1959, pp 1000-1002.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

120,646

Jul 60

Observation of the Region Near the Galactic Center
on a Wavelength of 33.3 cm With the Large GAS Radio
Telescope, by V. G. Malumyan, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIX, No 5,
1959, pp 1003-.

Amer Inst of Phys
Sov-Phys - Doklady
Vol IV, No 6

Sci

Jul 60

Determination of the Average Inclination of Two-Dimensional Geologic Bodies by Means of Gravitational and Magnetic Measurements, by K. F. Tyapkin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5, 1959, pp 1005-1007.

AGI

Sci

Jun 61

A New Electrophotographic Process, effected by
Means of Combined Electret Layers, by B. M. Golovin,
I. S. Zheluev, N. T. Kashukayev, I. M. Orlov, V. M.
Fridkin, L. Ya. Mogilevskaya, A. S. Antonov, 6 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CXIX, No 5,
1959, pp 1008-1011.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

RECEIVED

JUL 20 1960

PHYSICS DEPT

SLA 60-14660

Dependence of the Process of Grinding Crystals
on Their Physicomechanical Properties, by N. N.
Kachalov, L. F. Grigor'yeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5,
1959, pp 1012-1015.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,696

Wear Criteria for Materials, by I. V. Kragel'akiy,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5,
1959, pp 1016-1019.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,697

Corrosion Cracking of Low-Carbon Stainless Steels,
by B. V. Linchevskiy, V. V. Romanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5;
1959, pp 1020-1023.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

120, 699

Jul 60

Superstructure of Aluminum Bronze, by V. E. Panin,
E. K. Zenkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5,
1959, pp 1024-1027.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,698

Effect of Quenching Temperature on the Formation
of Short Range Order in Ni-Cr Alloys, by L. E.
Popov, G. I. Karpov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5,
1959, pp 1028-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

REC NP-TL-508

Sci

Jul 60

120,700

Photometric Method of Determining the Benzene
Concentration in Natural Water, by V. I. Kiselev,
B. K. Krasnikov, Z. V. Karusev, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol. CXIX, No. 1, 1959, pp 1035-1037.

CB

AE 364-111 SEP-123

Sci
Oct 60

1029, 966

MEC

New Amino Derivatives of 2-Phenylindandione-1,3, by
A. M. Aren, G. Ya. Vanag, 4 pp.

RUSSIAN Ser. Dok Ak Nauk SSSR, Vol. CXXIV No. 5
1959, pp. 1031-1034.

CB

Sci
Oct 60

129,967

Optimal conditions for the synthesis of
cyclohexane and its oxides, by M. I. Gerasimov,
Akadem. N. O. Kuroyeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXI, No. 5,
1959, pp 1038-1041.

CB

Sci
Oct 60

Concentration of Thorium Isotopes in the
Waters of the Black Sea,
by I. Yo. Starik.
RUSSIA, per, Dok Ak Nauk, SSSR, Vol CXXIX,
1959, pp 1041-1044.
*Dept of Navy/Oceanographic

Sci - ES
Mar 66

Low-Temperature Radiolysis of Hydrocarbins, by
V. G. Berezkin, I. M. Kustanovich, L. S.
Pobok, M. V. Topolnitsky, M. Yu. Chernykh, 1 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5,
1959, pp 1042-1045.

CB
AG-1

Sci
Oct 60

129,969

*AEC

OTS TT-62-28144(RUSSIAN - 16 LARACH)

Microdetermination of Carbon and Hydrogen in
Organic Compounds by Electrical Conductivity
Measurements, by N. E. Gel'man, *et al*, Y.R.R.

RUSSIAN, *per*, Dok Ak Nauk SSSR, Vol CCXIX,
No 5, 1959, pp 1046-1048.

ATS RJ-2104

Sci - Chem

517 61-1197
ATS - 11/11/38 R

May 60

115,397

New Syntheses of C-Substituted Carbohydrates and
Their Derivatives, by Yu. A. Zhdanov, G. A.
Korol'chenko, E. A. Kuznetsova, R. M. Kuznetsov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5,
1959, pp 1049-1052.

CB

Sci
Oct 60

129,971

Absorption Spectra of Derivatives of 4,4'-
Diphenylamine on the Role of NH as an Indicator
of Optical Configuration in Diphenylamine Derivatives.
by V. E. Izmail'skiy, E. A. Nuridzhanyan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5,
1959, pp 1053-1056.

GB

Sci
Oct 60

127, 970

Determination of the Solubility of Beryllium Oxide
in a Liquid Copper-Beryllium Alloy, by F. Sh.
Muratov, A. V. Novoselova, Chou-Haing, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5,
1959, pp 1057-1059.

CB

Sci
Oct 60

129,972

Hydroxyferrocene, by A. N. Nesmeyanov, V. A.
Sazonova, V. N. Drozd, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5,
1959, pp 1060-1063.

CB

Sci
Oct 60

129,973

Catalytic Hydrogenation of Silicon-Containing
Nitriles and the Fiber-Forming Properties of Poly-
amides Based on the Amines Obtained, by A. D.
Petrov, L. Kh. Freidlin, G. I. Khudayberganov
Kudayberganov, G. I. Freidlin, L. Kh. Petrov, G. I.
Sheld, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 131, No. 5,
1959, pp 1064-1067.

CB

Sci
Oct 50

129,975

Polymerization of Dienes and Olefins Under the
Action of Cobalt Oxides and Diethylaluminum Halides,
and a Study of the Structure of the Polymers, by
E. I. Timyakova, S. A. Dolgoplosk, T. G. Zhuravleva,
R. N. Kovalenskaya, T. N. Kuren'gina, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 5,
1959, pp 1068-1070.

CB

Sci
Oct 60

SLA 4-1055
129,974